

Converting Colors

CIELCh(60, 56.395, 61.821)

Have a look what the booklet for
CIELCh(60, 56.395, 61.821) contains.

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Color

CIELCh(60, 56.470, 61.777)

Conversions

Conversions Part 1

Format	Color
Hex	CF7C37
RGB	207, 124, 55
RGB Percent	81%, 49%, 22%
CMY	0.1864, 0.5122, 0.7828
CMYK	0.00, 0.40, 0.73, 0.19
HSL	27°, 62%, 52%
HSV	27°, 73%, 81%
XYZ	33.8150, 28.1233, 7.3078
YIQ	140.9510, 71.6170, -3.8630

Conversions

Conversions Part 2

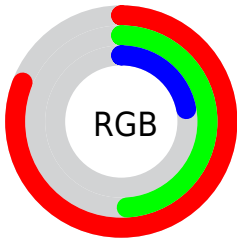
Format	Color
R_{YB}	207, 181, 55
Decimal	13597751
CIE _{Lab}	60.00, 26.70, 49.76
CIE _{LCh}	60, 56.470, 61.777
Yxy	28.1233, 0.4883, 0.4061
Android (android.graphics.Color)	4291787831 (0xFFCF7C37)
YUV	140.9510, -42.3738, 57.9250
Hunter-Lab	53.0314, 21.0138, 28.9517

Details

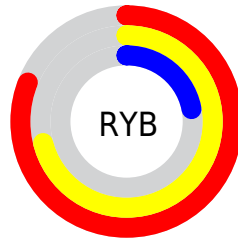
The CIELCh color **60, 56.470, 61.777** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **56, 42.770, 267.429**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 52.303, 65.988**, and **40, 56.263, 61.610** is the 20% darker color. If you saturate the color by 10%, you get **57, 64.519, 60.307**, and if you desaturate by 10%, it is **63, 47.921, 63.007**.

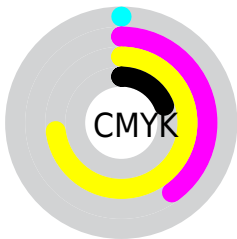
Distribution



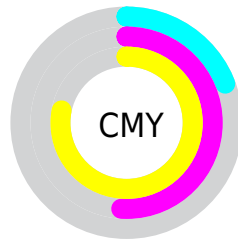
- Red (81%)
- Green (49%)
- Blue (22%)



- Red (81%)
- Yellow (71%)
- Blue (22%)



- Cyan (0%)
- Magenta (40%)
- Yellow (73%)
- Black (19%)



- Cyan (19%)
- Magenta (51%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 56.470, 61.777 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 60, 56.470, 61.777 by changing the saturation by 10% instead.

60, 56.470, 61.777

60, 56.470, 61.777

100, 56.470,
61.777

50, 56.470, 61.777

80, 56.470, 61.777

40, 56.470, 61.777

90, 56.470, 61.777

30, 56.470, 61.777

20, 56.470, 61.777

10, 56.470, 61.777

0, 56.470, 61.777

60, 56.470, 61.777

60, 56.470, 61.777

57, 64.519, 60.307

63, 47.921, 63.007

55, 71.128, 58.266

66, 39.406, 64.150

53, 74.655, 56.630

69, 31.170, 65.278

72, 23.315, 66.413

75, 15.866, 67.554

79, 8.813, 68.686

82, 2.128, 69.686

86, 4.222, 251.112

89, 10.275,
252.164

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60, 56.470, 61.777



56, 42.770, 267.429

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60, 56.470, 61.777



60, 56.470, 111.777



60, 56.470, 241.777



60, 56.470, 291.777

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60, 56.469, 61.780



91, 17.655, 67.673



49, 66.387, 349.955



47, 11.953, 67.360



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60, 56.469, 61.780



68, 80.109, 59.232



79, 69.763, 101.076



42, 3.742, 69.114



44, 63.646, 57.232



8, 15.782, 52.943

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56, 42.770, 267.429



62, 59.459, 274.371



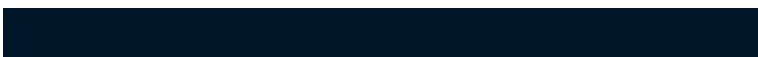
36, 87.421, 301.034



42, 3.635, 251.484



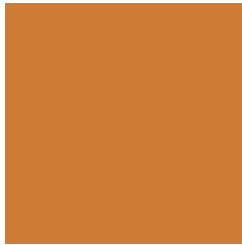
39, 47.868, 278.788



7, 15.216, 267.300

Previews

White Background



This preview shows how the CIELCh color 60, 56.470, 61.777 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 60, 56.470, 61.777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

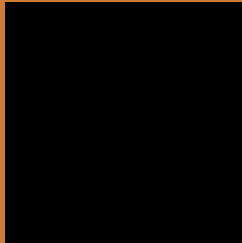
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 56.470, 61.777

Background



This preview shows how black text looks on a background with the CIELCh color 60, 56.470, 61.777.



This preview shows how white text looks on a background with the CIELCh color 60, 56.470, 61.777.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

60, 56.470, 61.777

Protanopia

60, 45.855, 95.719

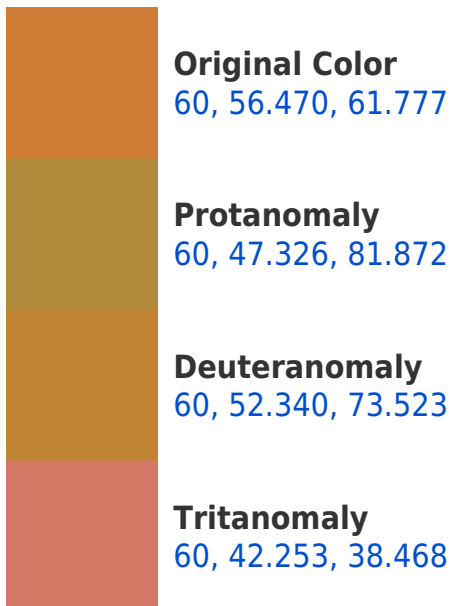
Deuteranopia

60, 51.397, 81.532



Tritanopia
60, 39.415, 17.781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 56.470, 61.777 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(207, 124, 55)` looks like.

```
.text, #text, p{  
    color:rgb(207, 124, 55)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(207, 124, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 124, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 56.470, 61.777 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 124, 55) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(207, 124, 55) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(207, 124, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 124, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 124, 55);  
box-shadow:4px 4px 4px 4px rgb(207, 124,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 56.470, 61.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 124, 55) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(207,  
124, 55) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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